

Claims

- 1        1.    A combination, comprising:
  - 2                a spindle adapted to be rotated about an axis of rotation;
  - 3                an inner washer member having a central opening mounted
  - 4    on the spindle so as to be rotatable therewith, the inner washer member having
  - 5    an annular saw blade clamping surface about said central opening, and a
  - 6    nonsymmetrical annular flange formed about said central opening;
  - 7                structure rigidly connecting the clamping surface on the inner
  - 8    washer member to said flange in an axially spaced position, said connecting
  - 9    structure having a lesser diameter than the diameter of the saw blade member
  - 10   central opening whereby the saw blade member may be rotated about said
  - 11   connecting structure;
  - 12                a saw blade member having a nonsymmetrical central
  - 13   opening formed with a contour complementary to the flange the inner washer so
  - 14   the saw blade member may be axially passed over the flange of the inner washer
  - 15   to a position freely rotatable about the connecting structure, the saw blade having
  - 16   a blade structure mounted for rotation on the spindle in a selected direction;
  - 17                an outer washer having a central opening keyed to the
  - 18   spindle so as to be rotatable therewith, the outer washer having an annular saw
  - 19   blade clamping surface opposed to the saw blade clamping surface of the inner
  - 20   washer; and
  - 21                a nut threadably mounted on the spindle for urging the outer
  - 22   washer toward the inner washer to clamp the saw blade therebetween whereby

23 the saw blade is then rotatable with the spindle in a direction depending upon the  
24 cutting edge of the saw blade teeth.

1           2. A combination as defined in claim 1, in which the flange on the  
2 inner washer has a plurality of radially extending teeth.

1           3. A combination as defined in claim 2, in which said radially  
2 extending teeth overlap portions of the central opening of the saw blade member.

1           4. A combination as defined in claim 1, in which the outer washer has  
2 an annular clamping portion surrounding the flange of the inner washer when the  
3 saw blade is in a clamped position.